**Examples of Big Ideas-SAS Curriculum Framework**

Reading, Writing, Speaking and Listening

**Grades 9-12**: Comprehension requires and enhances critical thinking and is constructed through the intentional interaction between reader and text.

**Grades 3-5**: Writing is a means of documenting thinking.

Effective use of vocabulary builds social and academic knowledge.

Mathematics

**Grades K-2**: Two- and three-dimensional objects can be described, classified, and analyzed by their attributes, and their location can be described quantitatively.

The base-ten number system is a way to organize, represent, and compare numbers using groups of ten and place value.

**Grades 6-8**: Measures can be estimated by using known referents.

Science

**Grades 6-8**: The cell is the basic unit of structure and function for all living things.

**Grades 3-5**: A force is required to change an object’s speed or direction.

Science, Technology and Engineering Education

**Grades 9-12:** Technological design is a creative process that anyone can do which may result in new inventions and innovations.

Environment and Ecology

**Grades 9-12:** The health of all living things is directly related to the quality of the environment.

Environmental laws and regulations impact humans, the environment, and the economy in both positive and negative ways.

Civics and Government

**Grades K-2 and Grades 3-5:** All citizens are equal before the law.

**Grades K-2**: The United States has an important leadership role in the world.

**Grades 3-5 and Grades 6-8**: Just because information appears on the television, radio, or internet or comes from a friend or acquaintance doesn’t make it true.

**Grades 9-12**: Citizens understand their rights and practice their responsibilities in a vibrant society.

Economics

**Grades 3-5, Grades 6-8 and Grades 9-12**: Economic decision-making by entities and individuals impact others locally, regionally, and around the globe.

Geography

**Grades 6-8 and Grades 9-12**: Geographic representations are essential to explain the spatial organization of people, places, and environments.

**Grades 3-5:** Geography is used to explain the past, interpret the present, and plan for the future.

History

**Grades K-2, 3-5, 6-8 and 9-12:** The history of the Commonwealth continues to influence Pennsylvanians today, and has impacted the United States and the rest of the world.

Arts and Humanities

**Grades K-2, 3-5, 6-8, and 9-12:** People have expressed experiences and ideas through the arts throughout time and across cultures.

Health, Safety and Physical Education

**Grades K-2, 3-5, 6-8 and 9-12**: Health concepts are essential for wellness and a health-enhancing lifestyle.

Community well-being is dependent upon a balance of personal and social responsibility.

Family and Consumer Sciences

**Grades 3-5 and 9-12:** Responsible consumers use effective resource management to accomplish individual, family, and community goals.

World Languages

In a rapidly changing and diverse society, world language knowledge and/or acquisition enhances interpretive, presentational and comparative communication across cultures and communities.

Career Education and Work

**Grades 9-12:** Effective speaking, listening, and writing are essential in the career acquisition process.

Interests, aptitudes, and abilities are unique for each individual and play a key role in career choice.